

John Deere Combines 95H



JOHN DEERE

OPERATORS MANUAL

John Deere
Combines 95H

OMH91022 C3 English

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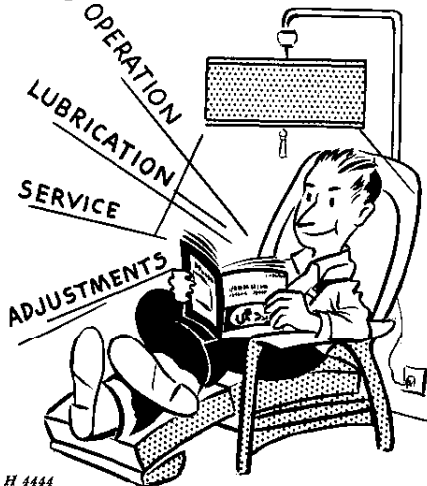
LITHO IN U.S.A.
ENGLISH



To the purchaser

The self-propelled combine you have just purchased was designed and manufactured to the traditionally high quality standards of all John Deere Farm Equipment. Your combine has been thoroughly inspected and tested, not only at the factory, but at your dealer's by a trained John Deere Serviceman. We are confident that you will receive years of dependable, economical service from your John Deere Self-Propelled Combine.

If you should find that you require information not covered in this manual, consult your John Deere dealer. He will be glad to answer any questions that may arise regarding the operation and handling of the combine. He has specialized mechanics who are kept informed on the best methods of John Deere Combine servicing, and can give you prompt know-how service in the field or in his shop.



Study this manual carefully, keep it handy, in a safe place, for future reference.

Location reference

"Right-hand" and "left-hand" sides are determined by facing in the direction the combine will travel when in use.

"Clockwise" refers to parts turning to the right like the hands of a clock. "Counterclockwise" refers to parts turning to the left.

Timing gear end of the engine is referred to as the "front"; flywheel end as the "rear".

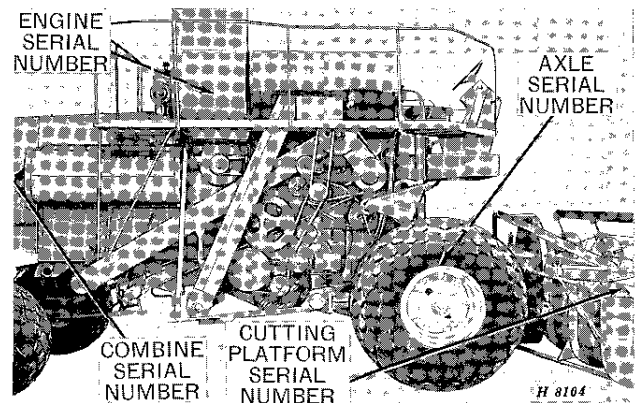
Keep your combine a John Deere Combine

Genuine John Deere Parts fit properly and insure satisfactory service because they are made from the original patterns and from the same materials as used in new machines. Should your combine require replacement parts, go to your John Deere dealer where you can obtain Genuine John Deere Parts--accept no substitutes.

Serial numbers

Your combine, cutting platform, axle, and engine have serial numbers.

When ordering parts, always bring with you the model and serial numbers as given on the serial number plates. By doing so, you will assist your John Deere dealer in giving you prompt, efficient service.



The combine serial number is on a plate located on the support bracket at the rear end of the fuel tank.

The engine serial number is on a plate located on top of the flywheel housing.

The axle serial number is on the top, left-hand end of the axle tube.

The cutting platform serial number is on a plate located on the outside of the right-hand platform divider.

Combine Serial No. _____

Engine Serial No. _____

Axle Serial No. _____

Cutting Platform Serial No. _____

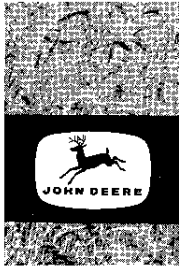
Date purchased _____

Operator's Manual Price \$



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specifications

CUTTER BAR

Width of cut 16-ft. or 18-ft.
Length of cutter bar 15-ft. 6-in. or 17-ft. 6-in.
Type of knife sections Heavy-duty overserrated

REEL

Drive Chain
Number of slats 4 regular
 3, 6, or 8 special
Diameter of reel 32-in. or 40-in.
Speed range 19.1 rpm to 50.5 rpm

CUTTING PLATFORM

Type of feed Auger
Range of cutting height:
 With 23.1-26 tires 2-5/8-in. below wheel level
 to 28-5/8-in. above
 With 26.5-25 tires 2-1/4-in. above wheel level
 to 33-7/8-in. above
Height control 2 hydraulic cylinders

CUTTING PLATFORM AUGER

Diameter 18-in.
Diameter of auger tube 10-in.
Type of auger fingers Round retracting

CYLINDER

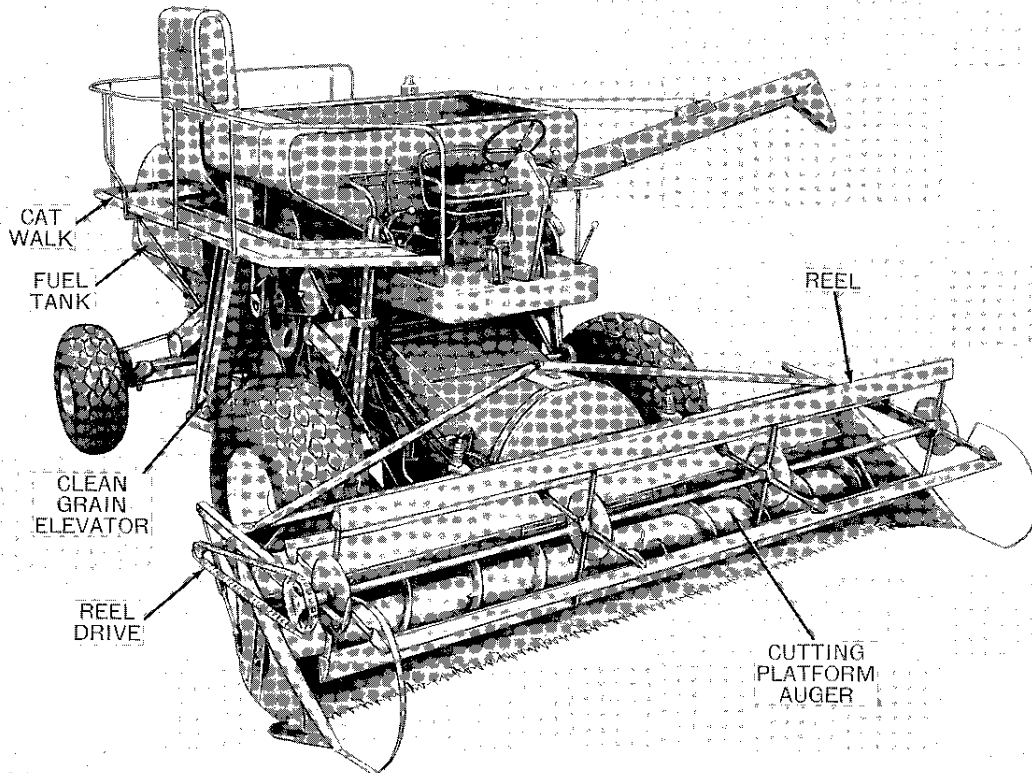
Type Rasp-bar or spike-tooth
Width 40-in.
Diameter 22-in.
Number of bars 8 Rasp-bars or 10 spike-tooth
 bars (five 19-tooth bars and
 five 20-tooth bars)

Drive Roller chain
Speed range 196 rpm to 1190 rpm

CONCAVE

Type 12-bar open type or spike-tooth type
Width 40-in.

NOTE: Open type concave is equipped with adjustable bottom cover plates.



BEATER (Behind the cylinder)

Type . . . Drum (Spike-tooth type with removable covers)
 Width 40-in.
 Diameter 12-in.
 Speed 680 rpm

SEPARATOR

Type Grain conveyor, straw walker
 Width 40-in.
 Length of separating surface . 140-in. (Straw walker pans extended)
 Area of separating surface 5,600 sq. in.

GRAIN CONVEYOR

Type Slat
 Drive Chain

CLEANING FAN

Type 5-bladed undershot
 Drive V-belt
 Speed range 602 rpm to 858 rpm

CHAFFER

Type . Adjustable, No. 2 No-Choke, or Petersen Adjustable
 Width 38-1/2-in.
 Length—with extensions 60-3/4-in.
 Area 2,337 sq. in.

SIEVE

Type Adjustable
 Width 38-1/2-in.
 Length 45-in.
 Area 1,734 sq. in.

CHAFFER EXTENSION

Type Adjustable
 Width 38-1/2-in.
 Length 12 in.
 Area 462 sq. in.

TOTAL CLEANING AREA OF CHAFFER,

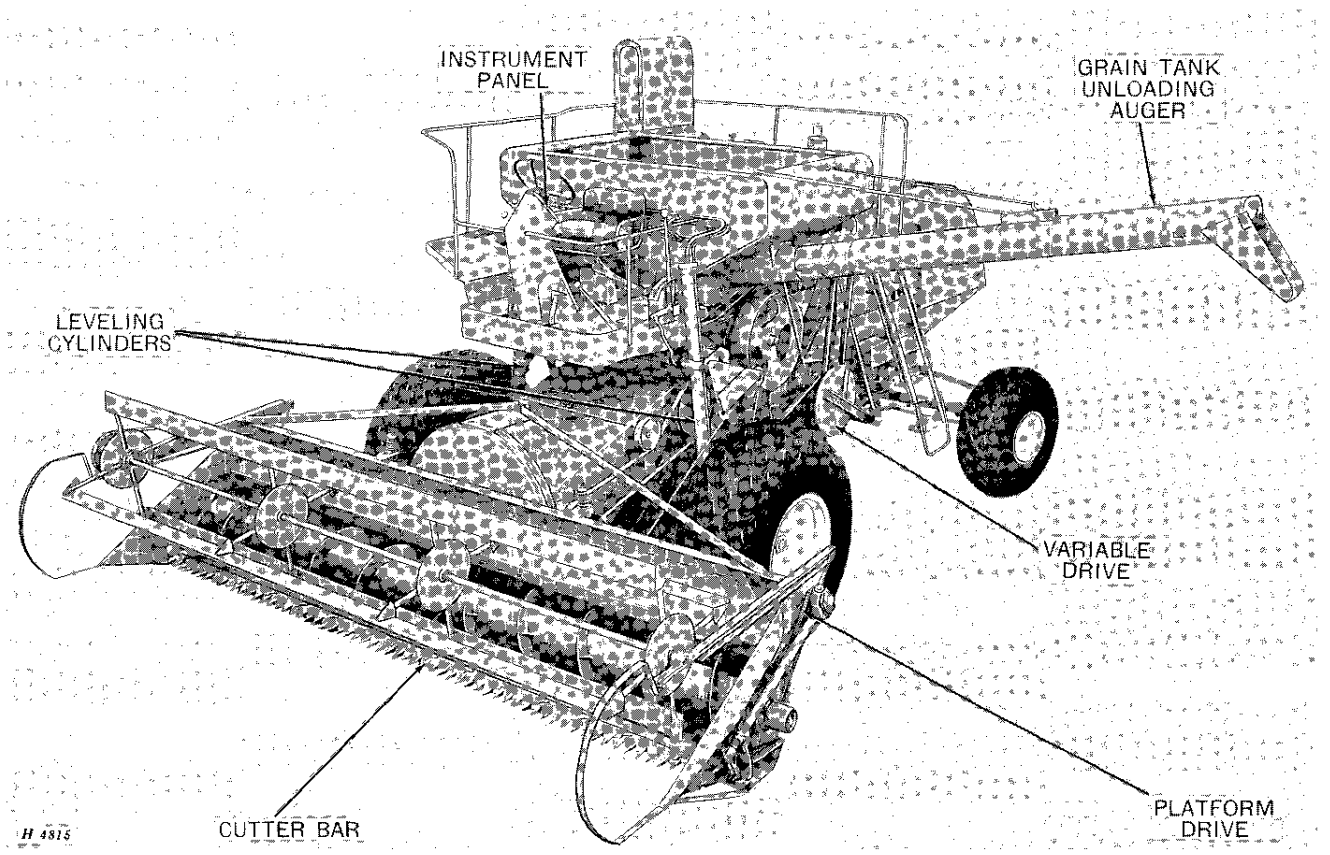
SIEVE, AND CHAFFER EXTENSION 4,071 sq. in.

STRAW WALKERS

Number Four
 Width 9-1/2-in.
 Length—with pans extended 123 in.
 Area 4,920 sq. in.
 Number of steps Five
 Drive V-belt
 Bearings Oil-soaked maple
 Extension pans One on each walker

GRAIN TANK

Capacity . . . 60-bushel, approx. (Type and condition of crop will determine actual volume)



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